

THE CLAIMS

The following listing of claims replaces all previous listings and versions of claim in this application:

- 1-2 (Cancelled)
3. (Previously Presented) A jewelry individual network component comprising:
a wireless transceiver configured to send data to and receive data from other
individual network components in a modular personal network,
circuitry to provide a specific function for the modular personal network,
a mount configured to allow a user to wear the jewelry individual network
component, and
an integrated item of jewelry selected from an earring, an item of body jewelry, a
pendant, a necklace, a ring, a brooch, a pin, a cufflink, a tie tack, a tuxedo
stud, a barrette, a hairpin, a hair accessory, a belt buckle, a bracelet, and an
ankle bracelet,
whereby the jewelry individual network component is configured to operate as an
individual network component in the modular personal network so as to send
or receive data from one or more other individual network components of the
modular personal network that are also carried by the user.
4. (Previously Presented) The jewelry individual network component of claim 3,
wherein the jewelry individual network component is an earring speaker and wherein:
the mount is configured to be worn in a pierced ear,
the wireless transceiver comprises a wireless receiver for receiving audio
information, and
the circuitry comprises a speaker for playing the audio information.
5. (Previously Presented) The jewelry individual network component of claim 3,
wherein the jewelry individual network component is an earring antenna and wherein:
the mount is configured to be worn in a user's pierced ear;

the circuitry comprises

- an antenna for receiving radio frequency signals,
- a demodulator for processing the received signals, and
- a modulator for converting the processed signals; and

the wireless transceiver comprises

- a wireless transmitter for sending the converted signals to another device worn by the user.

6. (Previously Presented) The jewelry individual network component of claim 3, wherein the jewelry individual network component is a ring individual network component and wherein:

- the mount is of a ring configured to be worn around a user's finger,
- the wireless transceiver is configured to communicate with a second individual network component worn by the user, and
- the circuitry is selected from the group consisting of a pushbutton, a microphone, a digital camera, a pulse oximeter, a heart rate sensor, a blood pressure sensor, and a display,

wherein a function of the circuitry is provided to the second individual network component.

7-9. (Cancelled)

10. (Previously Presented) A method for implementing a jewelry individual network component comprising:

- configuring the jewelry individual network component to send data to or receive data from other individual network components in a modular personal network,
- configuring the jewelry individual network component to provide a specific function for the modular personal network,

allowing a user to wear the jewelry individual network component using a mount,
and
integrating an item of jewelry into the jewelry individual network component that
is selected from an earring, an item of body jewelry, a pendant, a necklace, a
ring, a brooch, a pin, a cufflink, a tie tack, a tuxedo stud, a barrette, a hairpin,
a hair accessory, a belt buckle, a bracelet, and an ankle bracelet,
whereby the jewelry individual network component is configured to operate as an
individual network component in the modular personal network so as to send
or receive data from one or more other individual network components of the
modular personal network that are also carried by the user.

11. (Previously Presented) The method of claim 10 wherein the jewelry individual
network component is an earring speaker and wherein:

the mount is configured to be worn in a pierced ear,
the jewelry individual network component receives audio information, and
the function is of a speaker for playing the audio information.

12. (Previously Presented) The method of claim 10 wherein the jewelry individual
network component is an earring antenna and wherein:

the mount is configured to be worn in a user's pierced ear;
the providing a specific function comprises:
receiving radio frequency signals at an antenna,
processing the received signals using a demodulator, and
converting the processed signals using a modulator; and
the receiving or sending of data comprises:
sending the converted signals to another device worn by the user.

13. (Previously Presented) The method of claim 10 wherein the jewelry individual
network component is a ring individual network component and wherein:

the mount is of a ring configured to be worn around a user's finger, the sending or receiving comprises communicating with a second individual network component worn by the user, and

the specific function is of a pushbutton, a microphone, a digital camera, a pulse oximeter, a heart rate sensor, a blood pressure sensor, or a display, which is a particular function that is provided to the second individual network component.